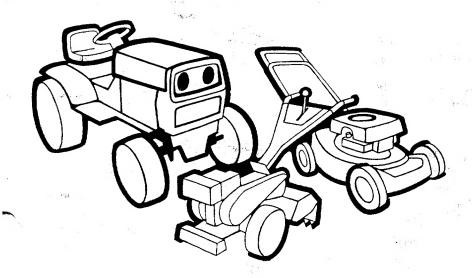
OWNERS MANUAL



POWER VACUUM

ASSEMBLY
OPERATION
MAINTENANCE
PARTS LIST

Important:

Read Safety Rules and Instructions Carefully

Model Number

244-660-000 24665L

Thank you for purchasing an American built product.

FORM NO. 770-3096

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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free cf charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where he unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTC.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law required that a spark arrester be provided. In addition, spark arrester required by law to be in effective working order. The spark arrester must be attached to the exhaust system a comply with Section 4442 of the California Public Resources Code.



is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see separate engine manual for proper fuel and engine oil recommendations.

SAFE OPERATION PRACTICES FOR POWER VACUUMS

- Read this operating and service instructing manual carefully. Be thoroughly familiar with the controls and proper use of the power vacuum.
- 2. Never allow children to operate this power vacuum.
- 3. Keep the area of operation clear of all persons, particularly small children and pets.
- 4. Check fuel before starting engine. Do not fill fuel tank indoors, when engine is running, or while engine is hot. Wipe off any spilled fuel before starting engine.
- 5. Do not change engine governor settings.
- 6. Do not put hands near rotating parts for any reason.
- 7. If the power vacuum should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
- 8. Before cleaning, repairing or inspecting, make certain all moving parts have come to a complete stop. Disconnect spark plug wire and keep wire away from plug to prevent accidental starting. Also keep throttle control lever in the stop position.

- 9. If the power vacuum should become blocked with debris at any point, shut engine off and wait until the impeller comes to a complete stop before attempting to remove the obstruction. Disconnect spark plug wire to prevent accidental starting.
- 10. Check all bolts for tightness at frequent periods.
- 11. Never store this power vacuum with fuel in the tank. Allow engine to cool before storing in any enclosure.
- 12. Keep bag and equipment free of debris when not in use.
- 13. Never operate this power vacuum unless air duct and vacuum bag are properly affixed in their place. Large zippered end of bag must be closed when operating to prevent objects from being blown out.
- 14. Never empty vacuum bag when engine is running.
- 15. Never change auxiliary hose attachment when engine is running.
- 16. The manufacturer recommends that the operator wear safety glasses or some other suitable eye protection when operating this machine.
- 17. Check the vacuum bag frequently for wear and replace when necessary.

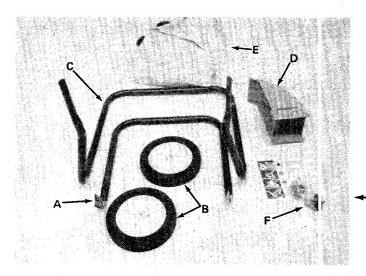


FIGURE 1

ASSEMBLY INSTRUCTIONS

TOOLS REQUIRED:

- (2) 9/16" Wrenches
- (2) 7/16" Wrenches
- (1) Hammer or Rubber Mallet

LOOSE PARTS IN CARTON (See figure 1):

- A (1) Lower Handle
 - (2) Rear Wheels
- C (1) Upper Handle
- D (1) Air Duct Assembly
- E (1) Bag

В

G

J

L

F (1) Hardware Pack

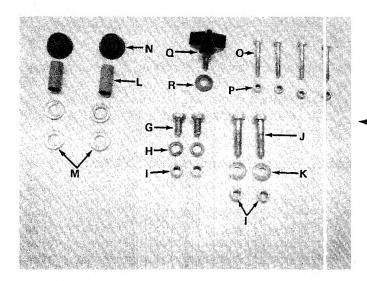


FIGURE 2

CONTENTS OF HARDWARE PACK (See figure 2):

- (2) Hex Bolts 3/8-16 x 3/4" Long
- H (2) Lock Washers 3/8" I.D.
- I (4) Hex Nuts 3/8-16 Thread
 - (2) Hex Bolts 3/8-16 x 1-1/2" Long
- K (2) Belleville Washers 3/8" I.D. x 1-1/8" O.D.
 - (2) Spacers 1/2" I.D. x 15/16" Long
- M (4) Flat Washers 1/2" I.D. x 1" O.D.
- N (2) Black Push Caps
- O (4) Hex Bolts 1/4-20 x 1-3/4" Long
- P (4) Hex Lock Nuts 1/4-20 Thread
- Q (1) Thumb Screw 5/16-18 Thread
- R (1) Belleville Washer 5/16" I.D. x 7/8" O.D.
- S (2) Stud Pins (Not Shown)
 - (2) Push-On Speed Nuts (Not Shown)

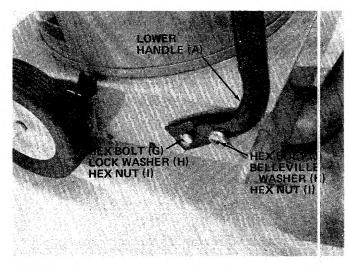
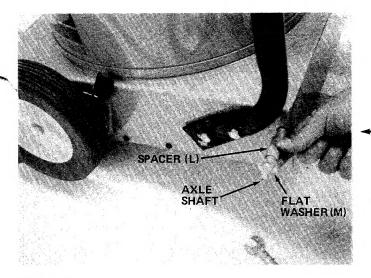


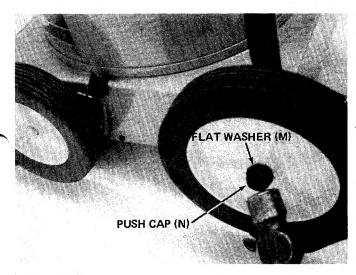
FIGURE 3

- 1. Remove the vacuum, loose parts, hardware pack and literature from the carton. Make certain all parts and literature have been removed before the carton is discarded.
- 2. Raise the back of the unit off the floor approximately 3 inches and block it so that the lower handle and rear wheels may be assembled.
- 3. Place lower handle (A) in position on the vacuum, lining up the holes in the handle with the holes on the frame. See figure 3. Place hex bolts (G) (3/4" long) through lower hole in handle and frame. Secure with lock washers (H) and hex nuts (I) on the inside of frame, finger tight only.
- 4. Place hex bolts (J) through upper hole in handle and frame. Secure with belleville washers (k (cupped side against the frame) and hex nuts (I).
- 5. Tighten all four nuts and bolts using two 9/16" wrenches.



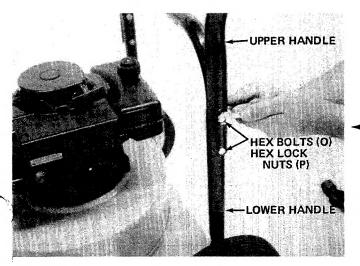
6. Slide spacers (L) onto the axle shafts. Place one flat washer (M) on each shaft next to the spacers. See figure 4.

FIGURE 4



Place rear wheels in position on the shafts, then
 another flat washer (M). Secure with black push
 cap (N) by placing the push cap in position and
 tapping on with hammer or rubber mallet. See
 figure 5.

FIGURE 5



Place the upper handle (C) in position over lower handle. Fasten with four hex bolts (O) and hex lock nuts (P) provided. See figure 6. Two 7/16" wrenches are required.

FIGURE 6

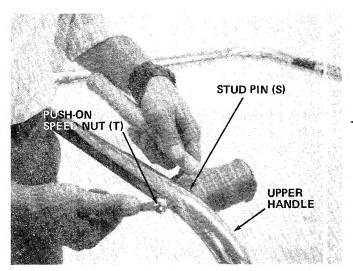
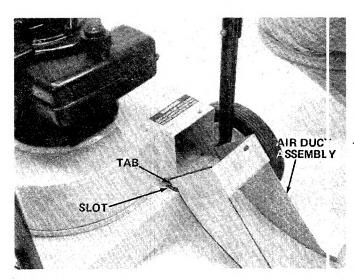


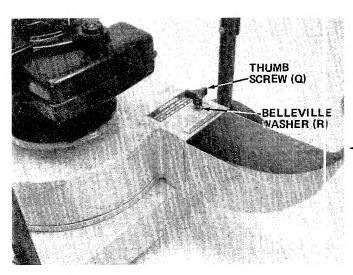
FIGURE 7

9. Place the stud pins (S) in holes in upper handle. (head of pins go to the inside of handle). Secure pins with push-on speed nuts (T) by holding speed nut with box wrench and tapping pin with hammer. See figure 7.



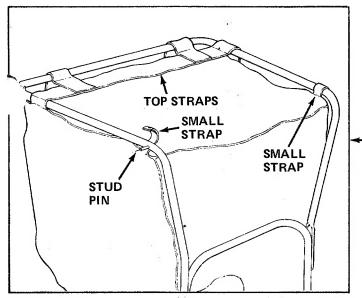
10. Place the tabs on the air duct assembly (D) intothe slots in the frame as shown in figure 8. Raise the air duct into position.





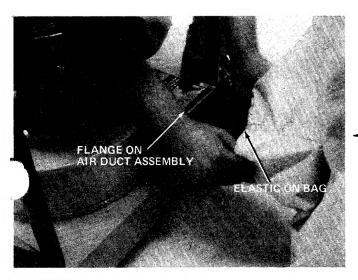
11. Secure air duct with thumb screw (Q) and belleville washers (R). Cupped side of washer must be against the air duct. See figure 9.

FIGURE 9



12. Assemble the bag (E) by slipping the top straps
 on the bag over upper handle. Hook the two small straps over the stud pins on handle. See figure 10.

FIGURE 10



13. Slip the elastic opening of the bag over the air
 duct assembly, making certain the elastic opening is secured behind the flanges on all four sides of on the air duct. See figure 11.

FIGURE 11

OPERATION

BEFORE STARTING

Service engine with gas and oil. See engine manual packed with vacuum for complete instructions for care and maintenance of engine. READ DIRECTIONS CAREFULLY.



Revolving Blades - Keep hands and feet away from all openings.

) START ENGINE

After the engine has been properly fueled and oiled (refer to engine operating and maintenance instructions), start engine as follows.

- 1. Move throttle control lever on engine to START position.
- 2. Crank engine. Pull recoil with quick firm pull. Do not pull out so far the rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.
- After two or three full firm pulls on recoil (or as soon as engine fires), move speed control to RUN position.

TO STOP ENGINE

- 1. To stop engine, move throttle control lever to STOP position.
- 2. Disconnect spark plug wire and ground to prevent accidental starting while equipment is unattended.

Operate a new engine at intermediate speeds and light load for the first few hours as you would a new automotive engine.

The bag may be emptied using the large zipper as shown in figure 12. Be certain the zipper is closed when operating the unit.

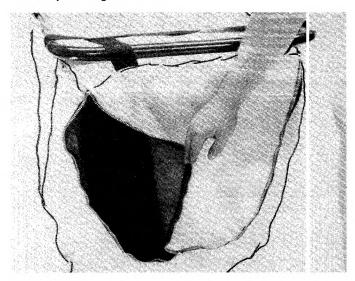


FIGURE 12.

ADJUSTMENTS



Do not at any time make any adjustment to the unit without first stopping engine and disconnecting spark plug wire.

HEIGHT ADJUSTMENT

An adjusting plate and thumb lever at both front wheels provide height adjustment for the vacuum. See figure 13. Each adjusting plate has nine positions. Height will be changed when the thumb lever is moved from one position to another. Simply cepress thumb lever towards wheel and move wheel and lever assembly to desired position. Both wheels must be placed in the same relative position. Lower the front of the unit to obtain more suction.

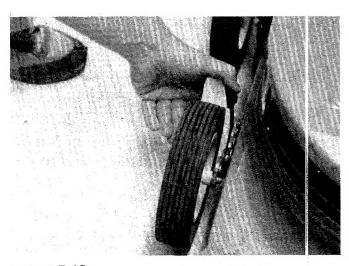


FIGURE 13

CARBURETOR ADJUSTMENT



If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

If carburetor needs adjustment to start or for operation, see "Carburetor Adjustment" section of engine manual.

MAINTENANCE



Disconnect spark plug wire and ground it against the engine before performing any repairs or maintenance.

BAG

Under normal usage the bag is subject to wear, should be checked periodically. Be sure any replacement complies with the manufacturer's recommendation. Wash bag periodically with water. Allow to dry thoroughly in the shade. Do not use heat.

ENGINE

Refer to engine manual for proper maintenance procedures. Follow instructions carefully.

OFF-SEASON STORAGE

The following steps should be taken to prepare the vacuum for storage.

- 1. Clean the engine and the entire unit thoroughly.
- 2. Refer to engine manual for correct engine storage instructions.
- 3. Store in a clean, dry area.

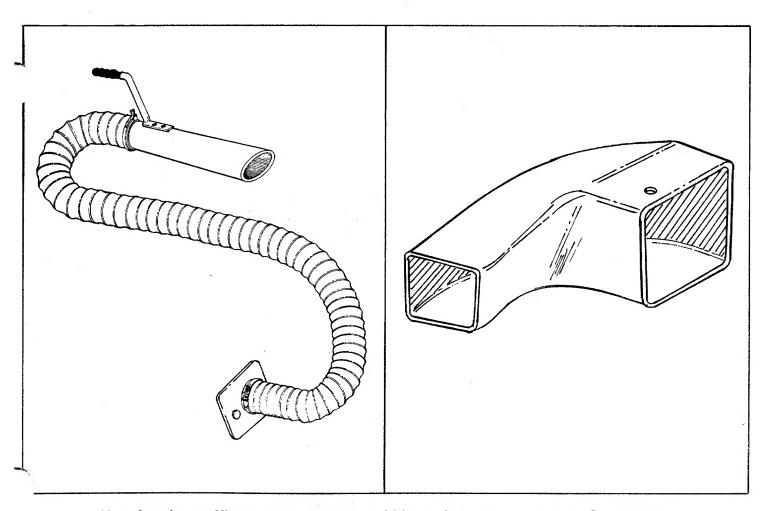


When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rust proof the equipment. Using a light oil or silicone, coat the equipment especially all moving parts.

TROUBLE SHOOTING CHART

| | PROBLEM CAUSE | | REMEDY | | | |
|----|---------------------------------|---|---|--|--|--|
| 1. | Engine fails to to start. | A. Check fuel tank for gas. B. Spark plug lead wire disconnected. C. Faulty spark plug. | A. Fill tank if empty. B. Connect lead wire. C. Spark should jump gap between control electrode and side electrode. If spark does not jump, replace the spark plug. | | | |
| 2. | Hard starting or loss of power. | A. Spark plug wire loose. B. Dirty air cleaner. | A. Connect and tighten spark plug wire. B. Clean air cleaner as described in engine manual. | | | |
| 3. | Engine over- heats. | A. Carburetor not adjusted properly. | A. Adjust carburetor. See engine manual. | | | |
| | | B. Air flow restricted. | B. Remove blower housing on engine and clean as described in the engine manual. | | | |
| | | C. Engine oil level low. | C. Fill crankcase with the proper oil. | | | |
| 4. | Excessive vibration. | A. Bent crankshaft. | A. Replace crankshaft (should be done by an authorized service dealer). | | | |
| | | B. Impeller assembly out of balance. | B. Replace impeller assembly | | | |

NOTE: For repairs beyond the minor adjustments listed above, please contact your local authorized service dealer.



Hose Attachment Kit Model 294-210-000 and Blower Conversion Kit Model 294-211-000 are available as optional equipment.

Model 660 and 24665 IF YOU WRITE TO US ABOUT THIS ARTICLE OR IF YOU ORDER REPLACEMENT PARTS AL-WAYS MENTION THIS MODEL & SERIAL NO MODEL 17-16-

Model 660 and 24665

PARTS LIST FOR MODEL 660 POWER VACUUM

| ef. | Part No. | Color Code | Description | New Part | Ref. No. | Part No. | Color Code | Description | New Part |
|-----|-------------|---------------|--|-------------|-------------|-------------|---------------|---|-------------|
| 1 2 | 749-0 | 480 | Upper Handle | | 28 | 736-02 | 272 | FIWash. 1/2" I.D. x 1.0" O.D. | |
| 3 | 710-0 | 260 | Engine Carriage Bolt 5/16-18 x .62" Lg. | ! * | 29 | 734-11 | 140 | x .06 Wheel Ass'y. Comp. 10 x 1.75" | |
| 4 | | 488 | Blower Housing Ass'y. | 1 | 23 | /34-11 | 140 | - Rear | N |
| 5 | 710-0 | | Hex Tap Scr. 3/8-16 x 1.00" Lg. | | 30 | 736-02 | 772 | FlWash. 1/2" I.D. x 1.0" O.D. | ' |
| 6 | 15786 | | Impeller Ass'y. | N | 50 | 700-02 | - / 4- | × .06 | |
| 7 | 736-0 | | LWash. 3/8" I.D.* | | 31 | 750-05 | 588 | Wheel Spacer 1/2" I.D. x 15/16 | |
| 8 | 710-0 | | Hex Bolt 3/8-24 x 1.0" Lg. | | | | | Lg. | l N |
| | | | w/Patch | | 32 | 736-03 | 331 | BellWash39" I.D. x 1.12" | |
| 9 | 723-0 | 137 | P.V.C. Foam Strip (4-Pcs. 12" | | | | | O.D. | |
| | | | Lg.) | | 33 | 712-07 | 798 | Hex Nut 3/8-16 Thd.* | |
| 10 | |) 488 | Vacuum Deck Ass'y. | N | 34 | 15779 | | Air Duct Ass'y. | N |
| 11 | 15796 | | Front Baffle Ass'y. | N | 35 | 710-02 | | Hex Bolt 3/8-16 x .75" Lg.* | |
| 12 | 15788 | | Lower Baffle Ass'y. | N | 36 | 710-03 | | Hex Bolt 3/8-16 x 1.50" Lg.* | |
| 13 | 15790 | | Wiper Retaining Strip | N | 37 | 736-02 | | BellWash34" I.D. x .87" O.D. | |
| 14 | 728-0 | | Pop Rivet .188" Dia. | | 38 | 720-01 | | Thumb Scr. 5/16-18 x .75" Lg. | |
| 15 | 735-0 | | Nozzle Wiper Rear | N | 39 | 712-01 | | Hex Cent. LNut 1/4-20 Thd. | |
| 16 | 712-0 | | Hex Nut 5/16-18 Thd.* | | | 712-01 | | Wing Nut 1/4-20 (Plastic) | |
| 17 | 736-0 | | BellWash34" I.D. x .87" O.D. | | 41 | 710-01 | | Hex Bolt 1/4-20 x 1.75" Lg.* | |
| 18 | 738-0 | 102 | Shld. Bolt 1/2" Dia. x 1.45" | | 42 | 764-02 | | Vacuum Bag (6.6 Bushel) | N |
| 1 | | | Lg. (3/8-16) | | 43 | 749-05 | | Lower Handle | N |
| 19 | 734-1 | 139 | Wheel Ass'y. Comp. 8 x 1.75" - Front | N | 44 | 14578 | | Height Adjuster Ass'y. Comp R.H. | |
| .'0 | 736-0 | 331 | BellWash39" I.D. x 1.12" O.D. | | | 14579 | | Height Adjuster Ass'y. Comp - L.H. (Not Shown) | |
| 21 | 15262 | , | Wheel Pivot Bar | | 45 | 1539-0 | 119 | Push Speed Nut .25" Dia. | |
| 22 | 15261 | | Index Plate | | 46 | 711-07 | | Stud Pin .250" Dia. x 1.75" Lg. | |
| 23 | 736-0 | | BellWash39" I.D. x 1.12" | | 47 | 714-01 | | Sq. Key 3/16 x 3/16 x 1.00" Lg. | |
| | | | O.D. | | 48 | 735-02 | | Nozzle Wiper Side | N |
| 24 | 712-0 | 798 | Hex Nut 3/8-16 Thd.* | | 49 | 15789 | | Wiper Retaining Strip | N |
| 25 | 14832 | | Spring Lever Ass'y, w/Knob | | 50 | 710-03 | | Hex Wash. Hd. "F" Tap Scr. | `` |
| 26 | 738-0 | | Shoudler Bolt .500" x 7/16" | | | | | #10 | |
| | | | Lg. (3/8-16) | | 51 | 736-01 | 69 | L-Wash. 3/8" I.D.* | |
| 27 | 726-0 | 128 | Push Cap .50" Rod (Black) | | | | | | |

^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

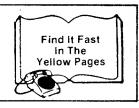
(488 - Mack Truck Yellow) (615 - Red)

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Mack Truck Finish - 14542 (488).)



This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

NOTE: The engine is not under warranty by the vacuum manufacturer . . . If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines - Gasoline."



PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing Engines—Gasoline, Briggs & Stratton or Tecumse Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

| ALABAMA | BIRMINGHAM | NORTH CAROLINA |
|---------------------------------|--|---|
| Auto Electric & Carburetor Co. | 2625 4th Ave. S 35233 | Smith Hardware Co |
| ARKANSAS | NORTH LITTLE ROCK 5301 Roundtop Drive | |
| Sutton's Lawn Mower Shop | 5301 Roundtop Drive | Dixie Sales Company |
| | Dov 368 D+ / 70117 | OHIO |
| CALIFORNIA | PORTERVILLE 75 North D Street93257 | Stebe's Mid-State Mo |
| Billious | 75 North D Street 93257 | |
| COLORADO | DENVER | Bleckrie, Inc |
| Spitzer Industrial Products Co. | 6601 N. | |
| - | Washington St 8 0229 JACKSONVILLE 4909 Victor St. Box 5459 32207 OPA LOCKA | National Central |
| FLORIDA | JACKSONVILLE | * |
| Radco Distributors | 4909 Victor St. | Burton Supply Co |
| 114400 2101.12410.0 11111111111 | Box 5459 | |
| | OPA LOCKA 2351 N.W. 147th St 33054 | OKLAHOMA |
| Small Fno Dist | 2351 N.W. 147th St 33054 | victory motors, inc |
| GEORGIA | EAST POINT 2834 Church St 30344 | OREGON |
| East Point Cycle & Key | 2834 Church St 30344 | Kenton Supply Co |
| ILLINOIS | LYONS | PENNSYLVANIA |
| Keen Edge Co | 8615 Ogden Ave60534 | |
| INDIANA | FI KHART | |
| Porto 9 Solos Inc | ELKHART 2101 Industrial Pkwy46516 | Thompson Rubber Co |
| IOWA | DIBLIQUE | Thompson Habber of |
| Dower Lown & Cordon Equip | DUBUQUE 2551 J.F. Kennedy £ 2001 | Bluemont Co |
| LOUISIANA | MONROE | Bigomont co |
| Mid South Dower | MONROE 1500 Arkansas St 1201 | Frank Roberts & Sons |
| wiid-South Power | NEW ORLEANS | , idilik rioborto a com |
| Cubran Engine Co | 8330 Earhart Blvd70118 | Scranton Auto Ignitio |
| MARYLAND | TAKOMA DADK | TENNESSEE |
| Contar Supply Co | TAKOMA PARK 6867 New Hampshire | Master Repair Service |
| Center Supply Co | door new nampshire | Mactor Hopan Corrio |
| MACCACHUCETTC | Ave | American Sales & Ser |
| MASSACHUSEIIS | 200 Pirnio Ave (1107 | TEXAS |
| MORION B. COMMS CO | I ANCING | Marr Brothers, Inc |
| MICHIGAN | LANSING 2500 S. Pennsylvania 48910 | man Brothere, mer r |
| Lorenz Service Co | MOUNT OF EMENC | Woodson Sales Corp |
| Down Favinment Diet | MOUNT CLEMENS 340 Hubbard 48043 | *************************************** |
| Power Equipment Dist | HODVING | Bullard Supply Co |
| MINNESOTA | HOPKINS 420 Excelsior Ave. W 5343 | Buildid Buppi) Co. 1 |
| Hance Distributing inc | PILOVI | Engine House Inc |
| MISSISSIPPI | BILOXI | Engine fredee me |
| BIJOXI Sales & Service, Inc | KANSAS CITY | UTAH |
| MISSOURI | 3117 Holmes St £4109 | A-1 Engine & Mower (|
| Automotive Equip. Service | ST. JOSEPH | VIRGINIA |
| Dana Francis Complet Co | Oth and Mantaray 6 4503 | RBI Corp |
| Hoss-Frazier Supply Co | oth and Monterey 4505 | WASHINGTON |
| 11 | 8th and Monterey | Bailey's Inc |
| Henzier, Inc. | 2015 Lemay Ferry No (3125 | WISCONSIN |
| NEW JERSEY | BELLMAWR 717 Creek Rd (8030 | Automotive Supply C |
| Lawnmower Parts Inc | ALDUCUEDOUE | Automotive Supply C |
| NEW MEXICO | ALBUQUERQUE 1023 Third Ave. N.W | |
| Spitzer Eng. & Parts | 1023 THITQ AVE. IN. VV.* 7 103 | Horst Dist |
| NEW YORK | CARTHAGE West End Ave13619 | HOISE DISE |
| Gamble Dist., Inc | vvest End Ave13619 | |
| D. J.E. D. J. Diet | SCHOHARIE Rt. 30 P.O. Box 527 12157 | |
| Hea Fox Parts Dist | nt. 30 P.O. BOX 327 12137 | |

| NORTH CAROLINA | GOLDSBORO 515 N. George S t 27530 |
|-------------------------------------|---|
| | AREENARARA |
| Dixie Sales Company | 335 N. Green27402 CARROLL |
| Stabe's Mid-State Mower Supply | Pov 366 71 High St 43112 |
| | CLEVELAND7900 Lorain Ave44102 WADSWORTH |
| National Central | |
| | Box 929 44501 |
| OKLAHOMA | MUSKOGEE 605 S. Cherokee 74401 |
| | |
| Kenton Supply Co | 8216 N. Denver Ave 97217 |
| PENNSYLVANÍA EECO Inc | HARRISBURG |
| | PHII ADEL PHIA |
| | 5222-24 N. Fifth St 19120 PITTSBURGH |
| | 11125 Frankstown Rd 15235 PUNXSUTAWNEY |
| Frank Roberts & Sons | ., R.D.215767 SCRANTON |
| TENNESSEE | SCRANTON 1133-35 Wyoming Ave. 18509 KNOXVILLE |
| Master Repair Service | 2000 Western Ave 37921 ~ MEMPHIS |
| American Sales & Service, Inc TEXAS | 3035-43 Bellbrook 3811 DALLAS |
| | DALLAS423 E. Jefferson75203 FORT WORTH |
| Woodson Sales Corp | 1702 N. Sylvania 76111 HOUSTON |
| | HOUSTON 2409 Commerce St 77003 SAN ANTONIO |
| Engine House Inc | 8610 Botts Lane P.O. Box 17867 78217 |
| UTAH | SALT LAKE CITY 439 E. 900 So 84111 |
| MOCINIA | ACUI AND |
| RBI Corp | 101 Cedar Run Dr 23005 SEATTLE |
| Bailey's Inc | 1414 14th Ave98122 APPLETON |
| Automotive Supply Co | 123 S. Linwood Ave. |
| | CHILTON |
| Horst Dist | 444 N. Madison 53014 |

WARRANTY PARTS AND SERVICE POLICY

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The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

- 1. Replacement of Missing Parts on new equipment.
- 2. Replacement of Defective Parts within the warranty period.
- 3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

- 1. Model Number of unit involved.
- 2. Date unit was purchased or first put into service.
- 3. Date of failure.
- 4. Nature of failure.